



Complete Summary

TITLE

Colorectal cancer screening: percentage of African American patients age 45 and older who are up-to-date with colorectal cancer screening.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Colorectal cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2008 Jun. 27 p. [57 references]

Measure Domain

PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

SECONDARY MEASURE DOMAIN

Does not apply to this measure

Brief Abstract

DESCRIPTION

This measure is used to assess the percentage of African American patients age 45 and older who are up to date with colorectal cancer screening.

RATIONALE

The priority aim addressed by this measure is to increase the percentage of African American patients aged 45 and older who are up to date with colorectal cancer screening.

PRIMARY CLINICAL COMPONENT

Colorectal cancer screening; guaiac-based fecal occult blood test; fecal immunochemical test; flexible sigmoidoscopy; colonoscopy; computed tomographic (CT) colonography; double-contrast barium enema (DCBE)

DENOMINATOR DESCRIPTION

Number of African American patients age 45 and older who had an encounter with the medical group in the past month

NUMERATOR DESCRIPTION

Number of patients in the denominator who were up to date with screening for colorectal cancer at the time of their last visit (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

Evidence Supporting the Measure

EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Colorectal cancer screening.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Age greater than or equal to 45 years

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component**INCIDENCE/PREVALENCE**

Unspecified

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories**IOM CARE NEED**

Staying Healthy

IOM DOMAIN

Effectiveness

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

African American patients age 45 and older

A random sample of at least 10 patient medical records per month. The status of the individuals is most likely collected with chart abstract data. However, an individual's status may be collected with administrative data and augmented with chart abstraction.

A lack of data on an individual is interpreted as not up-to-date and is not counted in the numerator, but is included in the denominator.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of African American patients age 45 and older who had an encounter with the medical group in the past month

Exclusions

Unspecified

RELATIONSHIP OF DENOMINATOR TO NUMERATOR

All cases in the denominator are equally eligible to appear in the numerator

DENOMINATOR (INDEX) EVENT

Encounter

DENOMINATOR TIME WINDOW

Time window is a single point in time

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of patients in the denominator who were up to date with screening for colorectal cancer at the time of their last visit*

*Patients in the denominator, having one or more of the following screenings:

- Occult blood test yearly
 - Annual guaiac-based fecal occult blood test with high test sensitivity for cancer, or
 - Annual fecal immunochemical test with high test sensitivity for cancer
- Flexible sigmoidoscopy every five years
- Double-contrast barium enema (DCBE) every five years
- Computed tomographic colonography every five years
- Colonoscopy every 10 years

Exclusions

Unspecified

MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

NUMERATOR TIME WINDOW

Fixed time period

DATA SOURCE

Administrative data
Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Percentage of African American patients age 45 and older who are up to date with colorectal cancer screening.

MEASURE COLLECTION

[Colorectal Cancer Screening Measures](#)

DEVELOPER

Institute for Clinical Systems Improvement

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2006 Jun

REVISION DATE

2008 Jun

MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Colorectal cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 Jun. 50 p.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Colorectal cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2008 Jun. 27 p. [57 references]

MEASURE AVAILABILITY

The individual measure, "Percentage of African American Patients Age 45 and Older Who Are Up to Date with Colorectal Cancer Screening," is published in "Health Care Guideline: Colorectal Cancer Screening." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org; e-mail: icsi.info@icsi.org.

NQMC STATUS

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